

Exercice  
1<sup>er</sup>  
Folio





9

# Ammospermophilus harrisi

First seen, 10 m. from Colorado R.

- 4132 ♂, Gold Road, Ariz. alt. 2500, 20 June, 228-82-38-8.
- 140, ♀, Little Meadows. Ariz alt-2750 21 June. 227-84-38-8.
- 141, ♀, " " " Tip of tail shot off. 214-74-39-8
- 144, ♂, " " 22 June 224-80-38-8.
- 145, ♂, " " 231-84-39-9.
- 146, ♂, " " 223-76-38-9.
- 160, ♀, Beale Spring alt-3400 25 June 202-76-38-8.
- 161, ♀, " " 207-70-36-7-
- 175, ♂, " " 27 June. 233-86-38-7.
- 257 ♂ 6 m East of Beales Spring alt 3700 July 9. 243-84-38-8
- 274 ♀ Big Sandy Creek. alt 2000 July 16. 212-70-39-8. Beales Ranch.
- 275 ♂ " " " " 221-70-38-8.
- 318 ♀ " " " alt 1900 July 22 215-74-38-8.
- 320 ♂ " " " " July 23. 231-77-39-7.
- 321 ♂ " " " " 228-80-38-7.



Ammaspermophilus leucurus

- 4032 ♀ Providence Mts. alt-3000 24 May. 178-61-38-7.  
 48 ♂ " alt-3500 27 May 185-67-35-10.  
 96 ♂ " alt-4500 5 June. 165-53-34-7.  
 117 ♀ Needles Cal. alt-500. 13 June. 205-66-36-8.  
 444 ♂ Chuckwalla Spring alt-2000, 20 Aug 231 80-40-7.



# Antrozous pallidus

- 4254 ♂ 6<sup>m</sup> East of Beales Spring alt 3700. July 9. 102-44-11-18 Extent 335.  
In formaline.
- 348 ♀ Bill Williams River alt 700. July 28. 192-47-7-17 Extent 345.
- 349 ♀ " " " " " " In formaline
- 350 ♀ " " " " " " "
- 351 ♀ " " " " " " "
- 341 ♂ " " " " " " In formaline  
July 27. 3 miles below planat and  
8 miles from Colorado R.
- 342 ♀ " " " " " " "
- 343 ♀ " " " " " " "
- 373 ♂ " " " " " " In formaline  
July 30
- 374 ♀ " " " " " " "



4

*Canis ochropus estor*

4169. ♂. Beale Spring alt-3400, 26 June. 1100-312-185-124.  
 4176, ♀, " " 27 June. 1010-290-179-118.  
 268 ♂ " " 12 July 1020-284-169-116.  
 276- Big Sandy Creek. Alt 2000. 17 July Skull picked up in River bottom.  
 371- Bill Williams River alt 700 — Skull only.  
 438 ♂ 25 m. S. of Ehrenburg alt 400 18 Aug 1205-360-195-125.  
 445 ♀ juv Chuckwalla spring Cal alt 2000 Aug 20 Skull only  
 Height at shoulder 580, at hip 585.  
 523 ♂ Bumpo, Cal, alt. 2500 7 July 1125-325-183-142  
 531 ♂ Jacumba Cal, alt, 2800 9 July 1165-345-181-127



# Dipodomys merriami

- 4287 ♀ Big Sandy Creek alt. 2000. July 19. 235-143-37-11.  
 273 ♀ Upper Big Sandy Creek alt 2800 July 15. 252-156-36-12 Two foetuses.  
 279 ♂ Big Sandy Creek alt 2000 July 18. 236-147-38-11.  
 354 ♂ Bill Williams River alt 700 July 29<sup>th</sup> 250-157-39-10.  
 355 ♀ " " " " " 244-148-38-11.

## D. m. parvus

- 4688 ♀ Roche Canon alt 1400 23 May 245-151-41-12  
 689 ♀ " 2 foetuses " " 223-131-36-11  
 699 ♀ " 3 foetuses " 24 May 225-134-34-11  
 700 ♀ " " " 160 + 75 + 34-11  
 701 ♀ " 2 foetuses " " 243-150-35-11



# Dipodomys m. similis

4008. ♀ Warrens Ranch S.B.Co. alt-2500. 16 May. 237-146-37-6  
 14. ♀, 10 m east of Warrens Well alt-3000 17 May. 241-149-37-10  
 16. ♂, 29 Palms alt-2200 18 May 253-154-40-12.  
 17. ♀. " " 236-146-39-11.  
 28. ♂, 10 m N.W. of Fenner alt-2200 24 May 235-139-38-10.  
 29. ♀, " " Tail slightly defective 215<sup>+</sup>-126<sup>+</sup>-37-10  
 30. ♂, " " 140-119-37-10.  
 44. ♀, Providence Mts. alt-3500 27 May 253-158-39-12.  
 45. ♀ " " 233-142-37-11-  
 46. ♂, " " 237-144-38-11.  
 119. ♀, Needles Cal. alt-500. 14 June. 232-142-37-11.  
 120. ♂, " " 235-141-37-11.

~~279. ♂~~  
 Back  
~~278. ♀~~

- 427 ♀ 25 miles S.S.W. of Ehrenburg alt 700. Aug 12 247-152-38-12.  
 435 ♂ " " Aug 16. 222-137-38-12.  
 558 ♂ Pilot Knot, Leal, alt. 125- 27 Feb 03 245-151-37-12  
 559 ♀ " " 251-155-38-11  
 560 ♀ " alt " 246-155-37-11.5  
 552 ♂ " alt 115 24 Feb 253-171-38-12  
 572 ♂ " alt 125 28 Feb 245-178-36-12



# 7

## Dipodomys deserti

- 4022, ♀, Danby Cal. alt. 1500. 22 May. 320 - 196 - 54 - 14.
- 4023, ♀, " " " 301 - 185 - 50 - 14.
- 24, ♂, Fenner. alt. 2000 23 May 332 - 200 - 54 - 15.
- 126, ♀, <sup>Arizona side, 7 miles from</sup> Needles. alt. 500. 17 June. 331 - 201 - 34 - 16.
- 408 ♀ 15 miles S W. Ehrenburg Cal. alt. 400. Aug 8. 335 - 200 - 53 - 15.
- 412 ♀ " " " " Aug 9 327 - 197 - 52 - 15.
- 434 ♂ 25 m SSW of Ehrenburg alt 400 Aug 16. 337 - 206 - 55 - 16.
- 571 ♀ Pilot Knob, Cal. alt. 125-25 Feb 03 330 202 - 53 - 15.

Eutamias

4056, ♂,	Providence Mts	alt-5200	31 May	204-95-30-12.5
68, ♀,	"	alt-5000	1 June	204-95-31-13.
69, ♂	"	"	"	205-96-31-13.
70 ♀	"	alt-6000	"	202-90-31-13.

E. h. merriami

4592 ♀	San Jacinto Mts, Cal,	alt. 4500	24 Apr 03	240-111-34-15
593 ♀	"	alt. 5500	25 Apr	233-162-35-16
608 ♀	"	"	27 Apr	237-115-37-18
609 ♀	"	"	"	237-117-37-17
640 ♀	"	suckling young	3 May	235-106-33-16
648 ♀	"	6 small lactating	5 May	220-97-36-20
649 ♂	"	"	5	203-95-35-17
650 ♀	"	suckling young	"	225-100-35-17
651 ♀	"	"	"	228-106-36-16
715 ♂	San Bernardino Mts	alt 5200	27 May	244-119-36-16
716 ♀	"	"	"	234-109-36-15
717 ♀	"	"	"	256-126-36-15



# Eutamias

Ariz

9

4187	♂	Hualapai Mts	alt 5700.	June 29 <sup>th</sup>	211-95-30-15.
188	♀	"	alt 6300	June 30 <sup>th</sup>	226-102-32-16.
189	♀	"	alt 7200	"	220-99-32-17.
194	♂	"	alt 6300	July 1 <sup>st</sup>	205-98-32-16.
196	♂	"	"	"	221-107-32-17.
199	♀	"	alt 5800	July 2 <sup>nd</sup>	217-104-32-16.
207	♀	"	"	July 3.	217-108-33-16.
212	♀	"	"	"	227-107-32-15.
214	♀	"	"	July 4.	220-107-33-16.
215	♀	"	"	"	227-106-34-16.
221	♀	"	"	July 5.	184+-63+-33-15 <sup>end of tail missing</sup>
222	♂	"	"	"	210-107-32-15.
225	♀	"	"	"	207+-83+-33-15 <sup>Tail shorter</sup>
237	♀	"	alt 6200	July 7 <sup>th</sup>	220-101-33-14.
238	♂	"	alt 5800	"	207-94-33-15.
239	♂	"	"	"	221-100-33-15.
240	♀	"	"	"	222-105-33-15.
246	♀	"	alt 6200	July 8.	207-97-32-15.
247	♂	"	"	"	214-101-33-15.

See after *Vespertilis*

Felis



11

Fiber zibitticus pallidus

4130, ♀, 7 miles from Needles  
on Arizona side

Alt 500. June 18<sup>th</sup>

431-190-65-16

Wt 20g W. Roberts Ranch & Lake

4411 ♀ 15 m S.W. of Ehrenburg, Cal Alt 400. Aug 9<sup>th</sup>

465-202-71-18 Wt 20g

418 ♂

470-204-68-16.

419 ♂

Aug 10<sup>th</sup> 377-164-63-14.

423 ♂

413-195-66-16.

445-195-68-16

17

Sasinus borealis titivus

- 4304 ♀ Big Sandy Creek, alt 1900 July 21. 112-48-10-7 in formaline  
Extent 310.
- 332 ♀ " " " July 23 - - - in formaline
- 333 ♀ " " " " 114-52-11-6 Expense 324



Lasiurus cinereus

13

4004 ♀ Warrens Ranch S.B. Co. Alt 2500 May 15. 135-57-7-5 Extent 395  
in Formaline

Lepus floridanus auduboni

4079, Providence Mts - alt 4500 - June 2. 282-45-73-76

91, ♂, " " " " 3. 360-44-86-92.

103, ♂, Needles Cal. alt 500 " 11. 345-47-81-85.

*Lepus floridanus arizonae*. in the back

453 ♂ Witch Creek alt 2750 Sep 10 395-47-89-96 alt 32 oz

454 ♀ " " " " 380-48-88-89.

470 ♀ Mouth Lijana R, Cal, alt 25- 17 Jan'y 03 362-42-88-83

Trapped in burrow, suckling young

669 ♂ Immature alt, 1300 16 May 345-56-83-81

Lepus townsendi cinereus

Lateral abdominal

457 ♂ San Diego, Cal, alt 300 8 Nov 02 264-31-63-75

Wt. 180g

586 ♂ Escondido, Cal, alt 800 19 April 03 305-32-62-81



# L. f. arizonae

15

416 2. ♂ juv. Beale Spring Alt 3400 June 25. 180-34-52-56.

184 ♀ " " " " June 28 360-52-84-93 Three ~~partures~~ <sup>partures</sup>

186 ♀ Hualepai M<sup>t</sup>. Alt 5000 June 29. 276-42-70-76.

190 ♂ " " Alt 6000 June 30 388-63-93-86.

208 ♀ " " Alt 5000 July 3 363-57-85-88.

209 ♂ " " " " 405-72-95-87.

210 ♀ " " Alt 5800 " 380-55-91-83.

235 ♀ " " Alt 6200 July 7. 390-61-100-92. <sup>including young?</sup>  
<sup>several warts?</sup>  
<sup>on the skin.</sup>

244 ♀ " " Alt 5800 July 8. 383-66-97-83.

252 ♂ 6 m East of Beales Spring Alt 3700 July 9. 360-57-86-94.

253 ♀ juv " " " " 315-55-77-86.

258 ♂ " " " " 372-42-83-91.

266 ♀ Beales Spring Alt 3400 July 11 340-49-84-95.

267 ♀ " " " " 350-51-80-88.

278 ♂ Big Sandy Creek Alt 2000 July 18. 353-52-87-91.

432 ♂ 25 m S.W. of Ehrenburg Alt 400 Aug 14. 360-61-79-92.

Lepus texianus unicus

4051 ♂, 10<sup>m</sup> N.W. Fenner alt 2200. May 24. 530-82-120-165. ♂

185 ♂ Kingman alt 4000 June 28. 490-96-124-151. Three feet.

259 ♂ 6<sup>th</sup> East of Beales Spr alt 3700 July 10. 565-95-126-176

535 ♂ Near Monument 230 May alt, 800 15 July 512-166-121-158

Lepus californicus

4589 ♀ Winchester, Cal. alt, 1600, Apr 22 520-73-118-162 Wt. 4 1/4 lbs



Synx berilyi

4195 ♂ Hualapai Mts alt 6300 July 1<sup>st</sup> 756-155-160-75.

245 ♂ " " alt 5800 July 8<sup>th</sup> 820-175-170-77.

Synx rufa rufica

4553 ♀ Pilot Knob, Cal, alt. 115, 775-148-166-75 + infl.

Synx californica

4739 ♂ Lytle Creek, alt 3000 12 July 755-132-152-78 + infl.

Microtus

4000 ♂	San Juan Capistrano, alt 50, 8 May,	168-57-23-13
1 ♂	" " "	178-59-24-13
2 ♂	" " "	182-58-25-15
678 ♂	Reche Canon alt 1400 22 May	178-57-23-15
679 ♀	" " "	159-48-23-14
680 ♂	" " "	173-58-24-14
686 ♀	" " "	<sup>23</sup> May 185-60-22-14
719 ♂	San Bernardino Mts alt 5200	<sup>28</sup> May 173-56-23-13
720 ♂	" " "	" 151-45-22-13
721 ♂	" " "	" 161-45-23-12
735 ♀	" 6 feeters	29 May 174-52-23-15
736 ♂	" "	" 179-55-24-13
746 ♂	Sycote Creek alt 3200	20 July 180-55-23-16
747 ♀	" " "	" 179-52-23-15
749 ♂	" caught in daytime	21 July 175-48-22-14
755 ♀	" alt 3000	28 July 152-47-22-14
761 ♀	S. B. Mts 6 young in nest alt 6100	2 Aug 183-52-22-18
765 ♀	" "	4 Aug 159-46-23-15
766 ♀	" "	" 172-48-23-14
784 ♀	" alt 7500	19 Aug 168-60-22-14



# Myotis californicus

19

4137, ♀, Little Meadows Alt 2750 June 20. 69-25-6-11. Extent 212 Tail defective?

138, ♂, " " " " 81-36-65-12 " 220

139, ♀, " " " " 84-37-7-12 " 218.

331 ♂ Big Sandy Creek Alt 1900 July 23 In formaline

352 ♂ Bill Williams river Alt 700 July 28. " "

353 ♂ " " " " " "

361 ♀ " " " July 29. " "

362 ♀ " " " " " "

363 ♀ " " " " " "

452 ♂ Witch Creek. alt 2750. Sept 9. " "

Myotis

- 4265 ♀ Beale's Spring Alt 3200 July 10. 98-42-10-17.
- 299 ♂ Big Sandy Creek Alt <sup>1900</sup>~~2000~~ July 20. 98-40-11-12. Extent 285.
- 300 ♂ " " " " 99-41-11-12 " 284.
- 301 ♀ " " " " 102-42-11-12. " 278.
- 305 ♀ " " " July 21. in formaline " 310
- 306 ♀ " " " " " "
- 307 ♀ " " " " " "
- 308 ♀ " " " " " "
- 309 ♀ " " " " " "
- 310 ♀ " " " " " "
- 311 ♀ " " " " " "
- 312 ♂ " " " " McGee Ranch. 101 44-10.5-12. Extent 292
- 313 ♀ " " " " 96-41-10-12. " 271.
- 317 ♀ " " " " 95-41-10.5-12 " 272.
- 325 to 330 all ♀ " " July 23. in formaline
- 394 to 402 all ♂ Ehrenburg Ariz Alt 400 Aug 5. in formaline
- 403 to 407 all ♀ " " " "



# Myotis

21

4170, ♂. Beale Spring alt 3200. June 26<sup>th</sup> 79-38-45-12. Extent 215 <sup>in formaline</sup>

171. ♂. " " " " 80-39-4-12 " 220

## M. yumanensis?

536 ♂. Pilot Knob, Cal, alt, 115 21 July 82-38-7-11 — 218

548 ♀ " " 22 July 81-37-7-10 — 227

549 ♀ " " 76-36-7-11 — 225

554 ♂ " " 23 July 80-38-7-11 — 215

Mephitis occidentalis

4167. ♀ juv., Needles Cal. Alt 500. June 12. 240-112-30-8 from a brood of five  
 108. ♂ juv. " " " " 239-100-29-8. yes not open.  
 109. ♂ juv. " " " " 255-110-30-7.  
 110. ♂ juv. " " " " 250-108-30-8.  
 124. ♂, 10 m above Needles on Arizona side Alt 500 June 16. 658-290-74-22. H Roberts Ranch  
 128. ♀, 7 m from Needles Arizona side Alt 500 " 14<sup>th</sup> 650-330-69-23 suckling young.  
 372 ♂ Bill Williams River Alt 700. July 30 658-305-71-17.  
 415 ♂ 15 m S.W. of Ehrenburg Alt 400 Aug 9 488 253-60-15.  
 422 ♀ " " " Aug 10 700-330-71-20  
 455 ♂ Pilot Knob, Cal, alt, 115 24 Feb 02 675-318-75-19 Wt 494



M. occidentalis holzneri.

- 4456 ♂ San Diego, Cal. alt 100. <sup>mission valley</sup> 11 Oct. <sup>615 - 280</sup> ~~615~~ - 280 - 71 - 16 <sup>no skin.</sup>
- 615 ♀ San Jacinto Mts, alt 5500 28 Apr 03 645-327-69-17  
 Mammae  $\frac{6}{6}$ . Suckling young, Wt.  $2\frac{1}{2}$  oz
- 643 ♂ " " 4 May 625-307-80-15 Wt 4.5
- 653 ♂ " alt 6200 6 May 675-295-73-25
- 656 ♂ " alt 5000 " 675-300-73-25
- 743 ♀<sup>0</sup> Lytle Creek alt 3000 14 July 522-255-56-14
- 744 ♀<sup>0</sup> " " 16 July 527-264-73-17
- 778 ♂ S. B. Mts, alt 6800 17 Aug 640-330-71-20 4.5

Neotoma

- 4036, ♂, Providence Mts. alt 3500. May 27. 284-136-30-29.
- 49, ♀, " " " May 28. 252<sup>+</sup>-96<sup>x</sup>-29-24 Tail defective
- 54, ♂, " " alt 5000 May 29. 318-144-32-28.
- 56, ♂, " " " " 285-130-31-27.
- 63, ♀, " " " " Driven from nest by a snake. Parents 4064. alt 4400 May 31. 285-131-29-27.
- 64, ♂ juv. " " " " 190-85-27-20.
- 71, ♂, " " alt 5200 June 1<sup>st</sup> 311-140-34-30
- 72, ♀, " " " " 268-120-33-27.
- 73, ♀, " " " " 275-125-30-29.
- 95, ♀, " " alt 4500 June 5. 267<sup>x</sup>-100<sup>x</sup>-29-28. Tail defective
- 125, ♀, Arizona side of Needles alt 500 June 17. 319-146-35-30 W. Mobarto Ranch
- 131, ♂, " " " " June 19. 280<sup>x</sup>-85<sup>x</sup>-36-30
- 164, ♂, Beale Spring alt 3400 June 26. 260-118-32-26.
- 173, ♀, " " " " June 27. 272-126-33-25.
- 201 ♂ Hualapai Mts alt 5800 July 3<sup>rd</sup> 238-108-32-26.
- 202 ♂ " " " " 300-137-33-28
- 203 ♀ " " " " 332-148-33-28.
- 204 ♀ " " " " 322-146-33-28.
- 205 ♀ " " " " 320-144-33<sup>5</sup>-28.
- See "after" Vishnukula 46



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# Nyctinomys mojaviensis

4015 ♀ 29 Palms alt 2200. May 18. 96-37-11-14. <sup>extent 303</sup> Tail free 12.

## Neotoma intermedia

4590 ♀	Winchester	alt 1600	22 April	337-174-33-31
681 ♀	Reche Canon	alt 1400	22 May	342-168-33-30
682 ♂	"	"	"	318-155-34-30
691 ♂	"	"	23 May	331-164-34-30
692 ♂	"	"	"	335-160-34-31
693 ♂	"	"	"	313-151-33-29
694 ♀	"	"	"	318-147-33-29
695 ♀	"	"	"	294-127-34-29
696 ♀	"	"	"	311-149-32-29
697 ♀	"	"	"	349-176-34-30
703 ♂	"	"	24 May	340-161-36-31
704 ♂	"	"	"	319-159-35-30
775 ♂	San Bernardino Mts	alt 7000	11 Aug	322-160-37-30
777 ♀	"	"	12 Aug	301-148-35-27

Onychomys

- 4260 ♂ 6 m east of Beales sp alt 3700 July 10<sup>th</sup> 146-57-20-17.  
 261 ♀ " " " " 141-57-20-17.  
 262 ♂ " " " " 137-52-20-17.  
 270 ♀ Upper Big Sandy Creek. alt 2800 July 15. 149-57-20-16. <sup>3m below</sup> Sandy bend mill.  
 271 ♀ " " " " 131-41-20-15.  
 340 ♀ 10 m S.W. of Signal. Ariz alt 2400. July 27<sup>th</sup> 150-59-21-16.

4684 ♀	Reche Lamon	<u>O. ramona</u> alt 1400	22 Apr	148-56-20-16
498 ♂	"	"	24 Apr	143-50-21-16

O. ramona

- 460 ♂ Mouth Lajauna R, alt 25 17 Jan<sup>03</sup> 137-49-21-17  
 461 ♂ " " " 138-50-20-16  
 471 ♀ " " 18 Jan 136-50-20-17  
 477 ♀ ♂ " " 19 Jan 135-49-21-18  
 478 ♂ ♀ " " 140-52-21-17  
 482 ♂ Learth Valley, B. B. Mex alt 1500 25 Jan 144-55-20-16  
 492 ♂ " " 26 Jan 143-56-20-17  
 510 ♀ " " 29 Jan 145-54-21-18  
 533 ♀ 4 m east of Jacumba, Cal, alt 3000 11 Feb 140-54-20-16



# Ovis nelsoni

27

4051. ♂, Providence Mts. alt 4,000? — Skull only found in the foot hills probably from higher up
102. ♀, " " alt 6300 June 7. 1320-98-365-145 height at shoulder 850 at hip 880
- 446 ♀ Chuckwalla Mts alt 2300 Aug 25. 1280-80-340-125. Tanks above Corn Spring. Height at shoulder 905 girth behind shoulder 940 hip 440 " of neck 332
- 447 ♀ " " " " " " 1425-108-376-133 Height at shoulder 905 girth behind shoulder 940 hip 440 " of neck 330
- 448 ♂ " " " " " " 1065 girth of neck 495 " at hip 1035 " behind shoulder 1115 1340-125-405-129
- 449 ♂ " " 2400 Aug 20 — — Skull only Mill Sp.
- 450 ♂ " " " " " " " " " "

4102, additional notes Girth behind fore leg 895  
 " of neck near head 306  
 " " " above shoulder 375

Point of shoulder to hump 430

Weight alive 150 to 160 lbs.

## Odocoileus h. californicus

(Two half grown footers)

- 4655 ♀ San Jacinto Mts, alt. 5000 6 May 1395-179-415-210 830 880
- 757 ♂ S. B. Mts alt 5300 30 July 1390-176-430-222 860 935

Peromyscus

403 ♀, Providence M <sup>ts</sup> alt 4000 May 25.	208-114-23-17.
35 ♀, " " " "	177-92-22-17.
40 ♀, " " alt 3500 May 27.	192-107-20 <sup>5</sup> -18.
41 ♂, " " " "	196-109-21-19.
42 ♂, " " " "	165-97-20-17.
43 ♀, " " " "	165-95-20-17.
52 ♂, " " alt 5000 May 29.	203-118-24-23.
53 ♀, " " " "	172-91-22-20.
58 ♂, " " May 30.	198-105-23-22.
59 ♂, " " " "	200-109-24-23.
60 ♀, " " " "	170-88-21-18.
61 ♀, " " " "	192-99-23 <sup>5</sup> -22.
62 ♀, " " " "	182-99-21 <sup>5</sup> -18.
75 ♀, " " alt 5200 June 1 <sup>st</sup>	196-100-23-22.
76 ♀, " " " "	207-111-23-23.
77 ♂, " " " "	182-92-22-22.
77 ♂, " " " "	182-95-22-16.
78, " " " "	192-95-22-21.



Peromyscus

4191 ♀ Hualapai Mts Alt-6300 July 1<sup>st</sup> 215-114-23-20.

200 ♂ " " alt-5800. July 3<sup>rd</sup> 194-102-22-18.

218 ♂ " " " July 5. 179-95-22-18.

219 ♂ " " " " 184-102-22-18.

226 ♂ " " " July 6. 196-104-23-18.

227 ♀ " " " " 214-113-23-20.

228 ♂ " " " " 204-108-23-19.

229 ♀ " " " " 205-111-22-20.

Peromyscus eremicus

- 4085 ♀, Providence Mts Alt 4300 June 3<sup>rd</sup>. 188-103-20-18.
- 86 ♀, " " " " 175-94-20-18.
- 87 ♂, " " " " 178-96-20-18.
- 142 ♀, Little Meadows <sup>upper spring</sup> Alt 2900 June 22. 206-114-21-18 <sup>three large feet</sup>
- 143 ♀, Beakes spring 10700. 209-123-21-18 " " "
- 165 ♀, Beakes Spring alt 3400 June 26. 181-100-20-18.
- 172 ♂, " " " June 27. 183-102-20-17.
- 286 ♀ Big Sandy Creek. alt 2000 July 19. 175-98-21-17. Beakes ranch
- 334 ♀ " " " alt 1900 July 24 205-115-21-16
- 338 ♀ " " " alt 1800 July 26 194-105-21-18 <sup>clark's ranch</sup> four feet
- 360 ♂ Bell Williams River alt 700. July 29. 183-97-20-16.
- 378 ♀ " " " July 31. 199-115-20-18.
- 543 ♂ Pilot Knob, Cal. alt 115 22 July 03 186-97-21-19
- 547 ♂ " " " " 190-105-21-19
- 545 ♂ " " " " 176-104-19-17
- 546 ♀ " " " " 202-113-21-19
- 547 ♀ " " " " 191-108-20-18



Peromyscus texanus deserticolus

4003 ♀ 10 miles S.E. of San Juan Capistrano May 8. 170 - 79 - 20<sup>5</sup> - 15. 4 foetuses. Meat baited trap in tules.

413 ♀ 15 miles W of Ehrenburg <sup>Calif</sup> alt. 600 Aug 9<sup>th</sup> 170 - 82 - 21 - 17.

P. major?

4611 ♂ San Jacinto Mts, Cal. alt. 5500 28 Apr. 200 - 114 - 24 - 23

612 ♂ " " 188 - 104 - 23 - 23

613 ♀ " " 211 - 119 - 23 - 24

614 ♀ " " 184 - 95 - 23 - 22

2628 ♀ " alt 8000 1 May 177 - 95 - 23 - 22.

642 ♀ " alt 5500 4 May 211 - 117 - 24 - 25

647 ♀ " " 5 May 196 - 108 - 24 - 26

710 ♂ San Bernardino Mts, alt. 2700 26 May 226 - 122 - 25 - 23

712 ♀ " alt. 5200 27 May 211 - 112 - 25 - 24

713 ♀ " " " 181 - 97 - 25 - 22

714 ♀ " " "

Pirognathus fallax pallidus

4609. ♂. Warrens Ranch SBCo. Alt. 2500 May 16. 200-118-25-7.

10. ♀. " " " " " 198-117-25-8.

11. ♂. " " " " " 208-124-25.5-8.

P. fallax

4463 ♂ Mouth of Lijunema R. Cal alt 25-17 June 03 196-108-24-8.5

464 ♂ " " " " 185-103-23-7.5



Peroznathus panamintus

4012, ♂, 10 m East of Warrens Well alt 3000 May 17. 136-80-20-7.

13, ♂ " " " " " 127-70-20-6.5. <sup>tail defective</sup>

18, ♂ 29 Palms alt 2200 May 18. 140-82-19.5-6.

19, ♀, " " " 133-78-20-6.

? 25, ♂, 10 m N of Fenner alt 2200 May 24. 174-101-24-9

26, ♀, " " " " 133-71-19-6 <sup>4 features</sup>

27, ♂, " " " " 146-80-20-6.

38, ♂, Providence Mts alt 3500 May 27. 150-90-20-7.

39, ♂, " " " " 137-75-20-7

151, ♂ Little Meadows. alt 2750. June 23 154-80-22-6

152, ♀, " " " " 151-87-21-6.

153, ♀, " " " " 156-90-21.5-7.

166, ♂ Beale spring alt 3400 June 26. 157-86-21-7.

167, ♂, " " " " 163-94-22-7.5

168, ♀, " " " " 134-67-21-7 <sup>tail defective</sup>

272 ♂ Upper Big Sandy Creek alt 2800 July 25. 158-192-20-5.5

339 ♀ 10 m W of Signal Arizona alt 2400 July 27. 157-90-21-6.

379 ♀ 20 m East of Parker. alt 1100 Aug 1<sup>st</sup>. 159-93-21-6.

*Perognathus* *unicillatus* *myiostomus*

- 4116, ♂, Needles Cal. • Alt 500. June 14. 188-109-25-10.
- 117, ♂, " " " " 182-100-24-9.
- 118, ♀, " " " " 169-99-24-7 not saved.
- 122, ♀, <sup>100m above Needles</sup> Arizona side Alt 500 June 16 176-102-24.5-7 # Robert's Ranch.
- 123, ♂, " " " " 189-100-26-8. Tail slightly defective.
- 127, ♀, " " " June 27. 191-108-25.
- 129, ♀, " " " June 18. 187-105-23-6.
- 285 ♀ Big Sandy Creek Alt 2000 July 19. 189-105-24-7 seven feathers.
- 280 ♂ " " " July 18. 182-106-24-6.
- 347 ♀<sup>0</sup> Bill Williams River Alt 700 July 28. 184-108-25-7.
- 356 ♀ " " " July 29. 213-123-26-6.5 seven large feathers.
- 357 ♂ " " " " 199-111-26.
- 370 ♀<sup>0</sup> " " " July 30 170-94-25-7.
- 380 ♂ 20 m East of Parker. Alt 1100 Aug 1<sup>st</sup>. 191-114-24-6.
- 381 ♂ " " " " 170-99-24-7.
- 385 ♂ Parker Alt 450 Aug 2. 190-108-23.
- 387 ♀ Ehrenburg Alt 400 Aug 5 202-119-24-7.
- 187-107-24-7



mosten mostly

P. p. angustirostris

- 4020, ♂, 29<sup>th</sup> Adams Canyon Alt 2200. May 20 196-115-25-7, four toes
- 21, ♂, " " " 201-120-25-7.
- 37, ♀, Providence M<sup>ts</sup>, Alt 3500. May 27. 151+ 72+ 25-11. Tail defective
- 82, ♂, " " Alt 4300 June 3. 178+-93+-25-9 " "
- 83, ♂, " " " " 188-102-25-10.
- 84, ♀, " " " " 160-94-23-8.
- 92, ♀, " " Alt 4500 June 4. 180-105-23-9.
- 97, ♂, " " " June 5. 203-117-24-11.
- 98, ♂, " " " " 201-120-24-12.
- 99, ♀, " " " " 200-115-25-11.
- 100, ♀, " " " " 175-103-23-10
- 101, ♂, " " " " 174-102-24-10.
- 409, ♀ 15.9m S.W. of Ehrenburg Alt 400 Aug 8. 201-114-24-8. <sup>Jackling's young</sup>
- 410, ♀ " " " " 207-116-25-7.
- 414, ♂ " " " Aug 9 186-111-25-7.
- 428 ♀ 25m S.S.W. of Ehrenburg " Aug 13. 189-112-24-8.
- 429 ♀ " " " " 191-116-24-8.
- 430 ♂ " " " " 192-112-24-9
- 431 ♀ " " " " 178-101-24-6
- 431 ♀ " " " " 158-92-24-6
- Beyond Tiptules 6 pages 51

*Perognathus intermedius*4154, ♂, Little Meadows. Alt 2750 June 23<sup>rd</sup> 180 - 102 - 22 - 6

155, ♂, " " " " 188 - 110 - 22 - 6.

156, ♀, " " " " 178 - 105 - 22 - 7.

157, ♀, " " " " 172 - 97 - 22.

174, ♂, Beale Spring Alt 3400. June 27. 169 - 100 - 21 - 6.5

293 ♀ Big Sandy Creek. Alt 2000 July 20. 180 - 107 - 22 - 6.

294 ♂ " " " " 176 - 102 - 22 - 6

295 ♀ " " " " 177 - 104 - 21.5 - 7

302 ♂ " " " July 21. 184 - 107 - 22 - 6

335 ♂ " " Alt 1900 July 24. 182 - 105 - 22 - 6.

336 ♀ " " Alt 1800 July 26. 175 - 100 - 22 - 6. Clark's Ranch.

337 ♀ " " " " 173 - 97 - 21.5 - 7.

344 ♂ Well Williams River alt 700. July 28. 174 - 99 - 22 - 5.

345 ♀ " " " " 170 - 98 - 21 - 5.

346 ♀ " " " " 176 - 102 - 22 - 5.

358 ♂ " " July 29. 164 - 94 - 22 - 6

359 ♂ " " " " 176 - 103 - 22 - 6.

364 ♂ " " July 30. 183 - 107 - 22 - 6.

365 ♂ " " 164 - 98 - 22 - 6

see beyond testis



Procyonatus spinatus

- 4440 ♀ Chuckwalla Spring Alt 2000. Aug 20. <sup>Badly damaged by ants</sup>  
in formaline.
- 441 ♀ " " " "
- 442 ♂ " " " " 169+ - 88<sup>+</sup> - 25 - Tail short
- 451 ♀ San Felipe Canon Alt 1400 Sep 2. 184 - 106 - 22 - 6.

Procyon pallidus

- 4576 ♂ Pilot Knob, Cal, alt. <sup>125</sup>~~125~~ 2 mch 03 656 - 234 - 117 - 50
- Wt. 4 <sup>3</sup>/<sub>4</sub> <sup>lb</sup> (Small I think)

Pipistrellus hesperus

- 4005, ♀, Warrens Ranch S.B. Co. Alt. 2500. May 15 74-27-7-5<sup>Extent 207</sup>
33. ♀, Providence Mts. Alt. 3500 May 24 71. found dead Extent 200
- 93, ♀ " " Alt. 4500 June 4. In formaline
- 121, ♂, Needles Cal alt 500. June 14. 71-28-6-10<sup>Extent 195</sup>
- 134, ♂, Little Meadows. alt 2750. June 20 69-30-7-8 190
- 135, ♂, " " " " 69-30-6.5-8 188
- 136, ♀, " " " " 65-28-6.5-8.5 " 195
- 223 ♂ Hualapai Mts Alt 5800. July 5 68-30-7-10 " 198.
- 232 ♂ " " " July 6 69-31-6-9 " 191.
- 233 ♂ " " " " 75-34-6.5-10 " 206
- 242 ♀ " " " July 7. 76-30-6.5-10.
- 250 ♂ " " " July 8
- 263 ♂ Beale Spring alt 3400 July 10.
- 264 ♂ " " " "
- 289 ♀ Big Sandy Creek alt 1900 July 19.
- 290 ♀ " " " "
- 291 ♂ " " " "
- 292 ♂ " " " "
- 297 ♂ " " " July 20  
sw beyond Vispurtid 4 pages



Reithrodontomys

4007 ♂ Warrens Ranch S.B. Co. alt 2500. May 16. 127-66-16-12.

557 ♂ Pilot Knob, Cal, alt, 115 22 July 05 140-77-17-13

561 ♀ " alt 125 27 July 134-74-18-14

562 ♀ " " 136-76-17-13

R. pallidus

4467 ♂ Mouth Lijana R. alt 25 17 June 05 136-73-16-12

563 ♀ Zecate Valley B.B. Mex alt, 1500 28 June 125-67-16.5-12

504 ♂ " " " 137-67-17-12

512 ♂ " " 29 June 130-68-16-12

667 ♂ Immacul alt, 1300 16 May 145-77-17-13

722 ♂ San Bernardino Mts alt, 5200 28 May 145-74-17-14

723 ♂ " " " 147-79-18-14

724 ♂ " " " 146-79-17.5-14

732 ♀ " " 29 May 146-77-17-13

748 ♀ Coyote Creek alt 3200 20 July 140-74-17-14

752 ♂ " " 21 July 144-74-17-14

565 ♀ Pilot Knob, Cal, alt 125 27 July 05 150-83-17.5-14

564 ♂ " " " 148-84-18-14

565 ♂ " " " 136-77-16-12

574 ♂ " " 28 July 155-90-18-15

577 ♀ " " 2 Aug 145-76-17-13

Spermophilus grammurus

4050, ♀, Providence Mts Alt 5000 May 29. 390-176-50-18.

57, ♂, " " alt 5200. May 31. 268 116-45-12.

65, ♀, " " alt 6000 June 1<sup>st</sup> 365-159-50-18.

66, ♀, " " alt 5500. " 368-165-50-17.

67, ♂, " " alt 5000 " 370-175-52-17.

80, ♀, " alt 5500 June 2<sup>nd</sup> 465-205-54-21

81, ♂, " " " 470-194-58-20

88, ♀, " " alt 5000. June 3<sup>rd</sup> 433-176-56-22

Parent of 4089.

89, ♂, " " " 329-145-51-20

90, ♂, " " alt 5500 " 417-179-55-21.

197 ♀ Hualapai Mts Alt 6300 July 1<sup>st</sup> 461-202-57-22. <sup>mammae 5/8 recently suckled young.</sup>

211 ♀ " " alt 5800 July 3 423-186-56-19.

216 ♀ " " " July 4 429-184-51-17.

220 ♀ " " " July 5 436-197-54-19.

224 ♂ " " " " 450-197-57-18.

230 ♀ " " " July 6 429-194-55-19

236 ♂ juv " alt 6200 July 7 313-132-50-15.

241 ♀ " alt 5800 " 446-205-55-19.

251 ♂ " alt 4500 July 9 450-197-55-19.  
see beyond *taspiditis* 3rd page

Grass. Just hatched young in same place. Much grass and rocky mountain



Spermophilus tereticaudus

4104. ♀. Needles Cal Alt-500 June 11. 224-83-33--  
105. ♂. " " " " 245-89-36--  
106. ♀. " " " " 240-94-34--  
111. ♀. " " " June 12. 235-91-35--  
112. ♀. " " " " 236-89-34--  
113. ♀. " " " " 230-88-33--  
115. ♂. " " " June 13 235-92-35--  
4 m East of Little Meadows Alt-2400  
158. ♀ On Western edge of Sacramento valley June 23. 165-29-33 Tail but a stump.  
386 ♂ Parker Alt-450 Aug 3 240-95-37--  
433 ♀ 25 m SSW of Ehrenburg Alt-400 Aug 15 227-94-36--  
4567 ♂ Pilot Knob, Cal. alt 125. 27 Feb 05 266-100 37-7  
528 ♂ " " " 235-92-36-4

Sorex (vagrans,?)

- 750 ♀ Lytle Creek, alt 3200 21 July 97-42-12-6  
751 ♂ " " " ~~175-48-~~ 104-43-13-6

Scapanus anthonyi

- 4661 ♀ Riverside, Cal alt. 1000 11 May 151-28-18

Sigmodon

- 4424 ♀ 15 m. <sup>Calif</sup> S.W. of Ehrenburg A.T. Aug 11. 302 - 140 - 24 - 21. <sup>six large faetuses</sup>
- 425 ♂ 320 - 147 - 26 - 21 <sup>1/16 63</sup>
- 426 ♀ <sup>six small faetuses</sup>  
 266 - 128 - 23 - 18.  
 296 - 138 - 24 - 20
- 579 ♀ Pilot Knob, Cal., alt. 125; 4 Mch 03 217 - 102 - 30 - 16
- 582 ♂ " " 6 Mch 280 - 134 - 34 - 17
- 583 ♀ " " 9 Mch 217 - 103 - 31 - 16
- 584 ♂ " " 4 " 283 - 127 - 35 - 18  
 265 - 116 - 32 - 17

Spilogale phumax

- 4587 ♀ Valley Center Cal., alt. 1250 alt. 1200 6 faetuses  
 20 Apr 03 370 - 145 - 41 - 16
- 595 ♀ Foot of San Jacinto Mts, alt. 2000. 24 Apr 360 - 145 - 39 - 16
- 602 ♀ Box Spring alt 1300 12 May 380 - 140 - 40 - 16
- 663 ♀ " " " 13 May 385 - 141 - 40 - 16

Sciuropterus

- 4714 ♀ San Bernardino Mts, alt 5200, 27 May 295 - 140 - 37 - 20  
 Wt. 5 g. Mammal 4/4



# Thomomys fulvus

4006. ♂, Warrens Ranch, SBCo alt-2500 May 16 220-74-27-6.

147, ♀, Little Meadows alt-2900 June 23 189-59-26-5.

148, ♀, " " " 186-61-26-5

~~149, ♂, " " 296-119-34-~~

~~150, ♀, " "~~

277 ♀ Big Sandy Creek. alt-2000 July 17. 190-63-26-5.

281 ♀ " " " July 18. 198-67-27-4.5

282 ♀ " " " July 19 199-73-27-5

283 ♀ " " " 208-75-29-5.

284 ♀ " " " 188-67-25-4.5.

288 ♀ " " " 195-75-28-5.

316 ♀ alt-1900 July 22 220-70-28-3

317 ♀ " " " 208-60-28-4

~~569 ♂~~

~~570~~

## Thomomys perpallidus

569 ♂ Pilot Knob, Cal. alt. 125- 27 Feb'y 03 264-91-34-4

570 ♀ " " 28 " " 216-73-31-5

580 ♀ " " 1/2 inch 220-79-34-7

581 ♀ " " " 232-76-32-7

(Had bits of some roots in pockets)

Thomomys fulvus nigricans

4455 ♀ Witch Creek. alt 2750 Sep 10 194 - 65 - 25 - 6.

?	623 ♀	San Jacinto Mts, alt. 8000	30 apr	190-65-27-5
?	624 ♂	" Found dead on surface,	"	240-80-30-6
?	632 ♂	"	1 May	242-81-33-8
?	641 ♂	alt. 5500	4 May	218-67-30-7
?	654 ♀	alt 5000	6 May	205-69-28-6

Onychomys californicus

4598 ♂ San Jacinto Mts, alt 5500, 26 apr 03 945-393-135-81 Wt 8 1/4

599 ♀ " " " 915-390-134-81 " 8

607 ♀ " " 27 apr 926-324-124-87 " 6

657 ♂ " alt. 2500 8 May 865+305+136-88

658 ♀ " Mammal  $\frac{1-2}{1-2}$  " 960-480-128-88

671 - Limasacal alt. 200 Skull only, from carcass

737 ♂ San Bernardino Mts alt. 5400 30 May 900-355-125-86 Wt 7 1/2

738 ♂ Lytle Creek, alt 3000 10 July 897-365-120-78

742 ♂ " " 14 July 950-395-135-84 8

759 ♂ S. B. Mts. alt 5300 1 Aug 1017-450-146-77

760 ♀ " " " 902-371-129-82

767 ♂ " alt 6100 5 Aug 915-340-128-80

Vulpes macrotis

4659 ♂ San Jacinto Valley, alt 1700 Wt. 4 1/8 lbs 9 May 760-295-120-27 300 330

4650 ♂ " Wt 4 1/4 " " 755-295-122-96 326 340



# Vespertilio fuscus

45

- 4047 ♀ Providence M<sup>ts</sup> alt 3500 May 27 108-50-12-12. Extent 310.
- 94 ♀ " " alt 4500 June 4 - - - -
- 159 ♀ Beale Spring alt 3400 June 24 114-49-11-15 " 323
- 163 ♀ " " " June 25 118-48-12-16 " 320
- 177 ♀ " " " June 27 108-46-11-13 " 300
- 178 ♀ " " " " 113-48-11-14 " 305
- 179 ♀ " " " " 118-49-11-15 " 320
- 180 ♀ " " " " 105-45-11-13 " 304
- 181 ♀ " " " " 111-46-11.5-15 " 315
- 182 ♀ " " " " 112-47-11.5-14 " 331
- 183 ♀ " " " " <sup>one small feather</sup> 118-46-12-14 " 334
- 231 ♂ Hualapai M<sup>ts</sup> alt 5000 July 6 111-49-11-13 " 320
- 255 ♀ 6 m east of Beale Sp alt 3700 July 9 120-49-12-15 " 325
- 256 ♀ " " " " 112-46-11.5-14 " 317
- 555 ♂ Pilot Knob, Cal, alt 115, Feb 25 103-42-10-14 - 300
- 758 ♂ S B M<sup>ts</sup> alt 5300 30 July 116-48-12-16 - 320

# *Neotoma stephensi*

- 4206 ♀ Hualapai Mts Alt 5800 July 3. 310 - 141 - 32 - 27.
- 198 ♀<sup>o</sup> " " alt 6300 July 2. 231 - 104 - 30 - 25.
- 213 ♀ " " alt 5800 July 4. 286 - 127 - 32 - 26.
- 217 ♂ " " " July 5. 322 - 145 - 33 - 29
- 234 ♀ " " " July 7. 290 - 124 - 32 - 25
- 243 ♂<sup>o</sup> " " " July 8. 255 - 110 - 32 - 25.
- 315 ♂ Big Sandy Creek Alt 1900 July 22. 346 - 160 - 35 - 29
- 416 ♂ 15<sup>California</sup> M. S. W. of Ehrenburg Alt 400 Aug 9<sup>th</sup>. 348 - 168 - 35 - 27.
- 417 ♂ " " " " 321 - 152 - 35 - 26
- 420 ♂ " " " Aug 10. 341 - 161 - 34 - 28
- 421 ♂ " " " " 301<sup>+</sup> - 133<sup>+</sup> - 35 - 28 <sup>Tail defective</sup>
- 439 ♀ Chuckwalla Spring Alt 2000 Aug 20. 267 - 135 - 30 - 27.
- 149 ♂ Little Meadows Alt 2900 June 23. 296<sup>+</sup> - 111<sup>+</sup> - 34 - 27 <sup>Tail defective</sup>
- 150 ♀ " " " " 300 - 139 - 33 - 25



*Eutamias*

4248 ♂ Hualapai Mts alt-6200 July 8 216-102-32-16.

249 ♂ alt-5800 214-102-33-14.

*Callospermophilus bernardinus*

4773 ♂ San Bernardino Mts, alt. 7200 8 Aug 247-92-40-16

779 ♀ " alt 6800 15 Aug 256-97-41-15

780 ♀ " alt 7200 16 Aug 228-85-38-16

781 ♀ " " " 225-78-34-15

*Spermophilus grammurus*

- 269 ♀ Beale Spring alt-3400 July 12 442-193-57-19.  
 296 ♂ Big Sandy Creek. alt-2000 July 20 460-200-59-19.  
 303 ♀ " " alt-1900 July 21. 472-202-57-18

*Spermophilus beecheyi fisheri*

- 458 ♂ San Diego, <sup>3 Dec</sup> ~~8 Nov~~ 02 412-169-54-18  
 476 ♂ Mouth Tijuana R. <sup>Wt. 18 g</sup> alt 25 18 July 433-185-55-19  
 480 ♀ Tecate Valley, B. B. Mex alt 1500 25 July 389-100-51-22  
 600 ♀ Santa Jacinto Mts, alt 5500 <sup>(5 footings)</sup> 26 Apr 03 420-1890-54-23  
 601 ♂ " " " 365+127+ 56-21  
 603 ♂ " " " 420-190-54-22  
 610 ♀ " " 28 Apr 370-160-50-18  
 629 ♀ " alt 8000 1 May 405-176-52-21  
 630 ♀ " " 392-168-52-20  
 638 ♂ " 2 May 378-147-51-23  
 639 ♀ " in box trap most built alt 6200 3 May 387-161-52-20  
 644 ♀ " alt 5500 4 May 393-153-54-20  
 652 ♂ " 5 May 405-176-54-23  
 675 ♀ " alt 1300 18 May 433-189-56-23  
 676 ♂ " <sup>Wt. 22 g</sup> alt 5200 <sup>has built</sup> 29 May 475-205-58-20  
 733 ♀ San Pedro Mts 398-168-53-20  
 734 ♂ " alt 3000 17 July 427-184-57-23  
 745 ♂ " alt 7000 11 Aug 421-184-58-22  
 776 ♂ " alt 7000 11 Aug 397-182-50-21



*Pipistrellus hesperus*

- 4298 ♀ Big Sandy Creek alt 1900 July 20 - - - - -  
319 ♀ " " " July 22 -  $\frac{2}{3}$  - - -  
322 ♀ " " " July 23 - formaline -  
323 ♀ " " " " - - -  
324 ♀ " " " " - - -  
375 ♂ Bill Williams River alt 700 July 30 - - - - -  
376 ♀ " " " " - - - - -  
377 ♀ " " " " - - - - -

*Perognathus intermedius*

4366	♀	Bill Williams River	Alt-700	July 30	177-100-22-6
367	♀				167-97-21-6
368	♀				142-100-21-6
369	♀				168-95-21-6
382	♂	Parker	alt-450	Aug 2	177-104-22-6
383	♂				167-98-20-5
384	♀				166-91-20-6
388	♀	Ehrenburg	alt-400	Aug 5	174-102-21-6
389	♀	"	"	"	170-98-20-6
390	♀	"	"	"	171-99-20-6
391	♂	"	"	"	163-95-20-6
392	♂	"	"	"	171-100-21-6
393	♂	"	"	"	176-104-22-6



*Perognathus parvifrons angustirostris*

4436 ♀ 2.5 m S.S.W. of Ehrenburg alt 400 Aug 16. 185-104-24-7.

437 ♀ 197-107-25-7.

443 ♀ Chuckwalla Spring Cal alt 2000 Aug 20. 203-112-25-7.5

538 ♂ Pilot Knob, Cal, alt, 115 22 July 02 181-108-23-8

539 ♂ " " 186-109-24-9

550 ♂ " 23 July 178-107-24-10

551 ♂ " " 178-105-23-7

552 ♂ " " 171-97-24-8

566 ♂ " alt 125 27 July 190-105 24-9

573 ♂ " 28 July 199-114-25-7  
182-106-24-8 77

Thomomys bottae,

4459	♂	San Diego,	1 Jan'y 03	232-72-30-6	
465	♂	Month Ziguerra R., Cal	17 Jun'y 03	225-64-30-7	
466	♀	"	"	191-61-27-7	
481	♀	Imanta Valley, B. C. Mex alt. 1500	25 Jun'y	211-70-28-6	(5 fortiss)
490	♂	"	"	26 Jun'y	218-74-27-6
499	♂	"	"	28 Jun'y	206-70-26-6
500	♀	"	"	"	13 fortiss 166-58-22-12
524	♂	Campo, Cal, alt 2500	4 Feby	226-77-28-6	
525	♀	"	"	7 Feby	216-67-27-6
588	♀	Pala, Cal, alt. 600	21 Apr	230-78-31-7	
? 596	♂	San Jacinto Mts, alt, 5500	26 Apr	205-67-26-5	
? 597	♂	"	"	"	235-79-30-6
? 604	♀	"	"	27 Apr	186-60-26-6
? 605	♀	"	"	"	197-64-26-6
? 606	♀	"	"	"	216-68-30-6
677	♀	San Bernardino alt 1100	21 May	211-74-29-6	
702	♀	Reche Cañon alt 1400	24 May	195-66-27-6	
718	♀	San Bernardino Mts. alt 5200	27 May	212-69-29-6	
705	♀	" alt. 2700	26 May	219-70-31-7	
? 764	♀	" alt 6100	8 Aug	208-74-32-6	
? 771	♀	" alt 7200	8 Aug	257-79-38-9	83
? 772	♀	" alt "	"	224-69-30-7	42
? 783	♂	" alt 7400	16 Aug	270-91-36-6	83



Perodipus agilis

446	♂	Month Ignara R., Cal.	alt 25	17 Jan'y 03	265-164-41-14
474	♂	"	"	18 Jan'y	264-160-40-12
475	♀	"	"	"	264-164-41-13
491	♀	Icane Valley, B. C. Mex	alt 1500	26 Jan'y	281-170 40-13
532	♂	Jacumba, Cal.	alt 2800	10 July	285-171-40-11
690	♀	Reche Canon	alt 1400	23 May	284-176-40-15

Peromyscus boylii?

4707	♂	San Bernardino Mts.	alt 2700		191-99-22-19
4708	♀	"	"	May	188-98-22-18
709	♂	"	"	"	190-99-21-18
725	♂	"	5200	May	204-109-23-18
726	♂	"	"	"	200-110-22-18
727	♂	"	"	"	180-95-22-17
728	♀	"	"	"	187-101-22-18
729	♀	"	"	"	177-96-21-18
730	♀	"	"	"	164-92-21-18
731	♂	"	"	29 May	171-90-21-18
753	♂	Sytle Creek	alt 8000	24 July	143-104-21-17
770	♂	"	"	14 July	203-110-23-20
771	♀	"	"	"	198-103-22-18

Peromyscus<sup>e</sup> fraterculus

- 4468 ♂ Mouth Lijana R. alt 25 17 July 03 185-98-21-17  
 469 ♀ " " " 182-104-21-16  
 485 ♂ Teacate Valley, B. G. Mex alt, 1500 25 July 200-115-22-18  
 486 ♂ " " " " 185-105-21-18  
 493 ♂ " " " 26 July 190-117-20-17  
 494 ♂ " " " 194-112-21-19  
 495 ♀ " " " 184-102-21-18  
 496 ♂ " " " 195-112-21-19  
 505 ♂ " " 28 July 168-92-20-19  
 506 ♂ " " " 173-96-20-18  
 520 ♂ Campo, Cal, alt 2500 17 July 186-107-20-18  
 521 ♀ " " " 212-127-21-18  
 522 ♂ " " " 197-111-20-18

stephensi

- 526 ♂ Jacumba, Cal, alt, 2800 9 Feb 196-111-21-17  
 534 ♀ 4 m east of " alt, 3000 11 Feb 185-107-19-18  
floroni  
 4687 ♀ Reche Canon alt 1400 23 May 188-109-20-17



Peromyscus gambeli

4472	♂	Month Tijuana R.	alt. 25	18 June	158-77-21-16
473	♂	"	"	"	163-79-20-17
487	♀	Ixcarte Valley, B.C. Mex.	alt 1500	25 June	160-74-21-17
488	♂	"	"	"	146-70-20-15
489	♂	"	"	"	163-78-20-16
497	♂	"	"	26 June (4 footnotes)	174-80-21-17
498	♂	"	"	"	151-68-20-17
507	♂	"	"	28 June	156-76-20-18
508	♂	"	"	"	172-85-20-18
509	♀	"	"	"	(7 small footnotes) 163-77-20-16
519	♀	Campo, Cal.	alt 2500	1 July	168-79-20-19
527	♂	Jacumba, Cal.	alt. 2800	9 July	171-80-21-17
528	♂	"	"	"	152-72-20.5-16
529	♀	"	"	"	169-80-21-18
530	♀	"	"	"	170-85-21-18
626	♂	San Jacinto Mts.	alt 8000	30 Apr.	158-74-20.5-18
627	♀	"	"	"	155-75-21-17
668	♂	Imperial	alt 1300	16 May	153-71-20-15
685	♂	Reche Canon	alt 1400	22 May	151-68-20-16
706	♀	S. B. Mts	alt 2700	26 May	161-74-20-16
711	♀	"	alt 5200	27 May	137-64-20-16
754	♂	Lytle Creek	alt 3000	24 July	163-79-20-17

Neotoma fraxipus macrota

4479 ♀	Month Lijana R. Cal.	alt 25	19 Jan'y 03	384-192-34-30
? 616 ♀	San Jacinto Mts.	alt. 5500	29 Apr	353-182-35-29
? 645 ♀	" 2 large tortoises	"	5 May	365-182-35-31
? 646 ♂	"	"	"	340-160-35-29
671 ♀	Imperial, Cal.	parent + alt 1300	17 May	376-189-36-31
672 ♂	"	"	"	287-140-34-26
673 ♂	"	"	18 May	356-162-39-30
674 ♂	"	"	"	381-179-37-31

N. cumulator?

4540 ♀	Pilot Knob, Cal.	alt. 115	22 Feb'y 03	354-177-36-38
541 ♂	"	"	"	324-154-36-37
542 ♀	"	"	"	365-180-36-38
585 ♀	10 m west of Pilot Knob (mud)	alt 100	14 Nov	354-172-35-30

Neotoma intermedia see under Neotomomys

4590 ♀	Wichita, Cal.	alt. 1600	22 April	357-174-35-31
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Peromyscus californicus insignis

4483 ♀	Teacate Valley, B. C. Mex alt 1500				25 June 03	233-130-25	2 small pouches - 24
487 ♂	"	"	"	"	"	234-130-24-24	<del>200-115-22-18</del>
501 ♀	"	"	"	"	28 June	252-145-27-25	
502 ♀	"	"	"	"	"	243-138-26-24	
511 ♀	"	"	"	"	29 June	218-127-24-21	
513 ♀	Campo, Cal, alt. 2500				1 Feby	250-132-25-22	
514 ♀	"	"	"	"	"	205-121-25-22	
515 ♀	"	"	"	"	"	237-135-25-24	
516 ♂	"	"	"	"	"	230-130-25-23	
517 ♀	"	"	"	"	"	237-134-25-24	
518 ♂	"	"	"	"	"	230-135-25-24	
664 ♂	Imperial, Cal alt. 1300				16 May	246-149-26-27	
665 ♀	"	3 fortresses	"	"	"	227-132-25-23	
666 ♀	"	"	"	"	"	233-139-25-22	

Sciurus griseus anthonyi

Mr. 24 03

4594 ♀ San Jacinto Mts. Alt. 5500 25 apr 03 535-245-76-28

Mr. 26 03

~~595~~ 602 ♂ " " " 520-270-76-27

602 ♂ " " 26 apr 558-282-78-31

617 ♂ " Alt 8000 29 apr 580-280-85-29

618 ♂ " Matro " " 555-265-76-32

619 ♀ " " " 530-260-76-29

620 ♀ " " 30 apr 540-275-74-29

631 ♂ " " 1 May 560-279-75-27



Eutamias speciosus

4621 ♂ San Jacinto Mts, Alt. 8000 30 Apr 03 213-94-34-18

625 ♂ " " " 211-93-34-15

633 ♂ " " 1 May 199-91-34-16

634 ♂ " " " 196-89-32-17

635 ♂ " " 2 May 197-94-34-17

636 ♂ " " " 205-91-34-18

637 ♀ " " " 216-91-34-16

768 ♂ San Bernardino Mts alt 7500 2 Aug 191-80-33-15

769 ♂ " " " 207-90-34-17

770 ♂ " " " 201-85-33-15

782 ♀ " alt 7400 16 Aug 220-95-83-17

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*Sorex baileyi*  
*S. arnica*  
*S. californica*  
*Microtus*  
*Myotis californicus*  
*M.*  
*M.*  
*M. gymnotus*  
*Neotoma*  
*M. occidentalis*  
*Neotoma*  
*N. intermedia*  
*N. eremicus*  
*N. fuscus californicus*  
*Neotoma*  
*Oryzomys* (Ariz)  
*O. sonoriensis*  
*Ovis montanus*  
*Odocoileus h. californicus*  
*Perodipus agilis*  
*Peromyscus* (Cal)  
*P. (Ariz)*  
*Peromyscus*  
*P. l. burtoni*  
*P. l. fraterculus*  
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